

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Reclamation District No. 0108 River Farms**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 0108 River Farms

Waterway			Bank	Unit Miles
Unit No. 01 Colusa Basin Drain			Left	20.59
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	-			
DWR Inspector	John Williamson			
Accompanied By	Chad Navarrot RD 108			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0108 River Farms

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain				Left	20.59		John Williamson

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1				Operations & Maintenance Manuals	WS A Ma		° °	° °	5
DWR ID: DWR_RD0108_01_s_2013_5									
2				Emergency Supplies & Equipment	WS A Ma		° °	° °	7
DWR ID: DWR_RD0108_01_s_2013_7									
3				Flood Preparedness & Training	WS A Ma		° °	° °	9
DWR ID: DWR_RD0108_01_s_2013_9									
4	0.11	20.57		Vegetation	WS A Ob	V1 : Control annual grass and weeds on the levee slopes and easements.	38.823170 ° -121.797620 °	39.033690 ° -121.993110 °	14 Y
DWR ID: DWR_RD0108_01_s_2012_14									
5	0.11	20.57		Vegetation	LS A Ob	V1 : Control annual grass and weeds on the levee slopes and easements.	38.823170 ° -121.797615 °	39.033690 ° -121.993105 °	8 Y
DWR ID: DWR_RD0108_01_s_2012_8									
6	5.56	5.56		Animal Control	LS A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.848592 ° -121.893017 °	38.848592 ° -121.893017 °	22
DWR ID: DWR_RD0108_01_s_2012_22									
7	5.57	5.57		Animal Control	LS A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.848688 ° -121.893349 °	38.848688 ° -121.893349 °	18
DWR ID: DWR_RD0108_01_s_2012_18									
8	6.93	6.93		Animal Control	WSA/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.864891 ° -121.907285 °	38.864891 ° -121.907285 °	10
DWR ID: DWR_RD0108_01_s_2012_10									
9	7.63	7.63		Animal Control	LS A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.873613 ° -121.913853 °	38.873613 ° -121.913853 °	23
DWR ID: DWR_RD0108_01_s_2012_23									
10	9.99	9.99		Animal Control	WSA/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.907854 ° -121.914658 °	38.907854 ° -121.914658 °	24
DWR ID: DWR_RD0108_01_s_2012_24									
11	11.35	11.35		Animal Control	LS A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.927354 ° -121.913455 °	38.927354 ° -121.913455 °	25
DWR ID: DWR_RD0108_01_s_2012_25									
12	11.52	11.52		Animal Control	WS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.929757 ° -121.912128 °	38.929757 ° -121.912128 °	1 Y
DWR ID: DWR_RD0108_01_f_2012_1									
13	14.54	14.54		Cracking	LS A/W Ma	CR1 : Monitor and have inspected by geotechnical engineer.	38.968032 ° -121.924480 °	38.968032 ° -121.924480 °	2 Y
DWR ID: DWR_RD0108_01_f_2012_2									
14	18.88	19.60		Encroachments	LS M En	DT : Ditch	39.013245 ° -121.980795 °	39.021302 ° -121.988557 °	6 Y
DWR ID: DWR_RD0108_01_s_2012_6									

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.59		John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating +	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
15	19.29	19.29	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: CBD_19-2_L]	39.017516 ° -121.986374 °	39.016727 ° -121.985411 °	3

DWR ID: DWR_RD0108_01_s_2013_3

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.59		John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.11
End Levee Mile	20.57
Location	Water Side
Category	
Item	Vegetation
The levee has no unwanted vegetation on the slope. Spring 2013	
johnngw_s_20130325_852.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.11
End Levee Mile	20.57
Location	Land Side
Category	
Item	Vegetation
The levee has no unwanted vegetation. Spring 2013	
johnngw_s_20130325_853.JPG	



Levee Mile Report Line	12
Start Levee Mile	11.52
End Levee Mile	11.52
Location	Water Side
Category	
Item	Animal Control
Rodent holes on the waterside levee slope. Fall 2012	
johnngw_s_20130221_372.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.59		John Williamson

Levee Mile Report Line	12
Start Levee Mile	11.52
End Levee Mile	11.52
Location	Water Side
Category	
Item	Animal Control
A colony of rodents on the waterside slope. Fall 2012	
johngw_s_20130221_373.jpg	



Levee Mile Report Line	13
Start Levee Mile	14.54
End Levee Mile	14.54
Location	Land Side
Category	
Item	Cracking
A crack running along the landside shoulder app. 50' long. Fall 2012	
johngw_s_20130221_374.jpg	



Levee Mile Report Line	14
Start Levee Mile	18.88
End Levee Mile	19.60
Location	Land Side
Category	
Item	Encroachments
Agricultural ditch	
johngw_s_20130221_377.jpg	

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Unit No. 01 Colusa Basin Drain	Left	20.59		John Williamson

Levee Mile Report Line	14
Start Levee Mile	18.88
End Levee Mile	19.60
Location	Land Side
Category	
Item	Encroachments

Agricultural ditch along toe of landside. Photo taken fall 2011.

johngw_s_20130221_378.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 0108 River Farms

Waterway			Bank	Unit Miles
Unit No. 02 Castle Properties			Right	0.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	-			
DWR Inspector	John Williamson			
Accompanied By	Chad Navarrot RD 108			

Summer & Winter Inspections

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Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0108 River Farms

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties						Right	0.28		John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.00	0.26		Vegetation	LS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.799127 ° -121.724511 °	38.796375 ° -121.727730 °	1 Y
DWR ID: DWR_RD0108_02_f_2012_1										
2	0.01	0.01		Animal Control	LS A/W	Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.798992 ° -121.724643 °	38.798992 ° -121.724643 °	3 Y
DWR ID: DWR_RD0108_02_s_2013_3										
3	0.09	0.09		Animal Control	LS A/W	Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.798196 ° -121.725660 °	38.798196 ° -121.725660 °	4 Y
DWR ID: DWR_RD0108_02_f_2012_4										

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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28		John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.26
Location	Land Side
Category	
Item	Vegetation
The grasses are taller than 12". Spring 2013	
johngw_s_20130325_854.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	
Item	Animal Control
No rodents but holes need to be backfilled. Spring 2013	
johngw_s_20130325_856.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.09
End Levee Mile	0.09
Location	Land Side
Category	
Item	Animal Control
A couple of rodent holes on the landside slope. Fall 2012	
johngw_s_20130221_381.jpg	



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